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Docket No.: 215177.00101
Customer No. 27160

TECH CENTER 1600/2900 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

James J. HICKMAN

Serial No. 09/575,377

Filed: May 22, 2000



Group Art Unit: 1631

Examiner: M. P. Allen

For: HIGH THROUGHPUT FUNCTIONAL GENOMICS

AMENDMENT

Hon. Assistant Commissioner
for Patents
Washington, D.C. 20231

Sir:

09/20/2002 TPLUNKET 00000001 501710 09575377

In response to the Office Action dated June 11, 2002 ~~having~~ a shortened
statutory period for response set to expire on September 11, 2002, please amend the
application as follows:

IN THE CLAIMS

Please amend claims 4, 13, 14, 16, 21, 22, 24 and 27 as follows:

4. (Once Amended) The system of claim 1 in which the instructions comprise
data processing instructions capable of receiving input data comprising data on ion flux
through ion channels selected from the group consisting of sodium channels, potassium
channels, calcium channels, and combinations thereof.